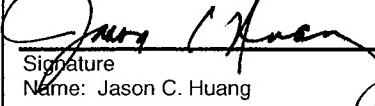
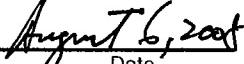


**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
§  
Koithan et al.  
§  
Patent No.: 7,296,623 B2  
§  
Issued: November 20, 2007  
§  
Serial No.: 10/723,290  
§  
Filed: November 25, 2003  
§  
For: METHODS AND APPARATUS  
FOR APPLYING TORQUE AND  
ROTATION TO CONNECTIONS  
§  
§  
§  
§

Decisions &  
Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

<b>CERTIFICATE OF TRANSMISSION</b>	
I hereby certify that this correspondence is being transmitted electronically to the U.S. Patent and Trademark Office via EFS-Web on August 6, 2008, addressed to: Certificate of Correction Branch Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450	
	 Signature Name: Jason C. Huang
Date	

Dear Sir:

**RENEWED REQUEST FOR CERTIFICATE OF CORRECTION**

In response to the Denied Request for Certificate of Correction (copy attached), Applicant hereby renews his Request for Certificate of Correction ("Request"). Applicant submits that the Correction Branch erred in denying the Request based on a review of the wrong claims. Specifically, Applicant requested correction to issued claims 13 and 53. However, the Correction Branch denied the Request based on pending claims 13 and 53, as attached in its Denied Request.

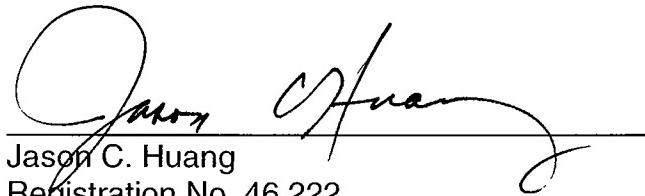
Issued claim 13 was previously original claim 18 during prosecution. (See attached). Original claim 18 depended from original claim 3, which was renumbered as issued claim 2. Therefore, Applicant respectfully requests correction of issued claim 13 to depend from issued claim 2, not issued claim 8.

Issued claim 53 was previously original claim 61 during prosecution. (See attached) Original claim 61 does not include the word "is" between "value" and "measured" in the second line. Therefore, Applicant respectfully requests the deletion of "is" after "value" and "measured" in the second line.

Applicant submits that the errors mentioned above were not by the applicant, but were made during the printing of the patent.

Applicant respectfully requests grant of the attached Certificate of Correction to correct these errors in the claims section of the printed patent.

Respectfully submitted,



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UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY OF COMMERCE AND  
COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, DC 20231

7/29/08  
Patent No. : 7296623  
Inventor(s) : Koithan et al.  
Issued : 11/20/2007  
Title : METHODS AND APPARATUS FOR APPLYING TORQUE AND  
ROTATION TO CONNECTIONS  
Atty.doc./File No.

Request for Certificates of Correction

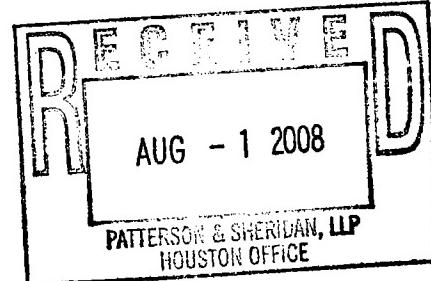
Consideration has been given to your request for the issuance of a Certificate of Correction, for the above - identified patent under the provisions of CFR 1.322.

Inspection of the application for the patent reveals that claim 13 line 47 and claim 53 line 42 is printed in accordance with the record. Therefore being no fault on the Patent and Trademark Office, It has no authority to issue a certificate of correction under the provision of 1.322.

In view of the forgoing, your request in this matter, is hereby denied. However the remaining of the corrections will be corrected.

Future written correspondence concerning this matter should be filed and directed to Decisions & Certificates of Correction Branch.

Henry Randall  
Cecelia Newman  
Decisions & Certificates  
of Correction Branch  
(703) 308-9390 Ext. 108



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HR/CB

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,296,623 B2

Page 1 of 1

APPLICATION NO. : 10/723,290

DATED : November 20, 2007

INVENTOR(S) : Koithan et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

**In the Claims:**

Column 17, Claim 13, Line 47, please delete "8" and insert - -2- -;

Column 20, Claim 53, Line 42, please delete "is" after "value" and before "measured".

MAILING ADDRESS OF SENDER (Please do not use customer number below):

William B. Patterson  
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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

18. (Previously Presented) The method of claim 3, further comprising detecting a seal condition, wherein acceptability is determined using a change in value between a value measured at the shoulder condition and a value measured at the seal condition.

19. (Original) The method of claim 18, wherein the measured values are torque values.

20. (Original) The method of claim 18, wherein the measured values are rotation values.

21. (Previously Presented) The method of claim 18, wherein the measured values are torque and rotation values.

22. (Canceled)

23. (Canceled)

24. (Currently Amended) A system for connecting threaded tubular members for use in a wellbore, comprising:

a power drive unit operable to rotate a first threaded tubular member relative to a second threaded tubular member;

a power drive control system operably connected to the power drive unit, and comprising:

a torque detector;

a turns detector; and

a computer receiving torque measurements taken by the torque detector and rotation measurements taken by the turns detector; wherein the computer is configured to perform an operation, comprising:

rotating the first threaded tubular member relative to the second threaded tubular member, wherein the two threaded members define a shoulder seal;

a change in value between the torque and/or rotation value measured at the shoulder condition and the torque and/or rotation value measured at the seal condition;

a relaxation rotation; and

the rate of change of torque with respect to rotation after detecting the shoulder condition.

56. (Previously Presented) The method of claim 55, wherein acceptability is determined using two or more members selected from the group.

57. (Previously Presented) The method of claim 55, wherein acceptability is determined using three or more members selected from the group.

58. (Previously Presented) The method of claim 55, wherein acceptability is determined using four or more members selected from the group.

59. (Previously Presented) The method of claim 55, wherein acceptability is determined using all five members selected from the group.

60. (Previously Presented) The method of claim 1, further comprising detecting a seal condition during rotation of the first threaded tubular member by calculating and monitoring the rate of change in torque with respect to rotation.

61. (Previously Presented) The method of claim 60, wherein acceptability is determined using a torque and/or rotation value measured at the seal condition.